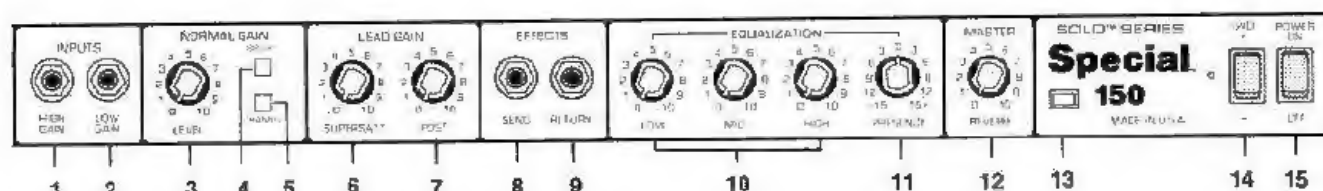




SPECIALTM 150

OPERATING GUIDE

WARNING
TO PREVENT ELECTRICAL SHOCK OR FIRE HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. BEFORE USING THIS APPLIANCE, READ BACK COVER FOR FURTHER WARNINGS.



HIGH GAIN INPUT (1)
Used for most electric guitars. It is 6 dB louder than the Low Gain input.

LOW GAIN INPUT (2)
Provided for instruments that have extremely high outputs, which can result in overdriving (distorting) the High Gain input. If both inputs are used simultaneously, the output levels are the same (both are Low Gain).

LEVEL (3)
Controls the volume level of the normal channel and is not affected by the SuperSat[™] or Post Gain controls.

BRIGHT SWITCH (4)
Provides a preset boost (+6 dB) to treble frequencies. To activate, depress the switch to its "in" position.

CHANNEL SELECT SWITCH (5)
Allows selection of the lead or normal channel. The "in" position of the switch selects the lead channel and the "out" position selects normal.

NOTE:
Channel selection may also be accomplished by the remote foot-switch. If remote selection is desired the channel switch must be in the "in" (lead) position.

HIGH GAIN INPUT (1)
Dieser Eingang kann für die meisten elektrischen Gitarren verwendet werden. Er ist 6 dB empfindlicher als der Low Gain Input.

LOW GAIN INPUT (2)
Dieser Eingang ist für die Instrumente vorgesehen, die ein besonders hohes Ausgangssignal erzeugen. Falls beide Eingänge gleichzeitig benutzt werden, sind die Ausgangssignale gleich (beide sind dann Low Gain).

LEVEL (3)
Kontrolliert die Lautstärke des Normal-Kanals und wirkt sich nicht aus auf SuperSat[™] oder Post Gain Regler.

BRIGHT SWITCH (4)
Bosorgt einen voreingestellten Schub (+ 6dB) in den hohen Frequenzen. Zur Aktivierung den Knopf in die "In"-Position drücken.

CHANNEL SELECT SWITCH (5)
Erlaubt die Auswahl des Lead- oder des Normal-Kanals. Die "In"-Position des Schalters wählt den Lead-Kanal, die "Out"-Position den Normal-Kanal an.

NOTE:
Die Kanalwahl kann auch per Fußpedal eingeschaltet werden. Wenn per Fußpedal gewünscht wird, muß der Kanalschalter in der "In"- (Lead) Position stehen.

HIGH GAIN INPUT (1)
(Entrée Haut Gain)
Cette prise sera utilisée pour la plupart des guitares électriques. Elle donne un gain supérieur de 6 dB à l'entrée Low Gain.

LOW GAIN INPUT (2)
(Entrée Faible Gain)
Cette prise acceptera les instruments à haut niveau de sortie qui causeraient une saturation (distorsion) sur l'entrée High Gain. Si les deux entrées sont utilisées simultanément, les deux niveaux seront alors équivalents (faible gain).

LEVEL (3)
(Volume)
Contrôle du niveau de volume du canal normal indépendant du gain d'entrée et de la distorsion (SuperSat).

BRIGHT SWITCH (4)
(BRILLANCE)
Booster (+6db) des fréquences aigües la mise en fonction s'effectue en enfonceant le bouton (position IN)

CHANNEL SELECT SWITCH (5)
(Sélecteur de Canaux)
Sélecteur du canal lead ou du canal normal. La position IN sélectionne le canal lead et la position OUT le canal normal.

NOTE:
la sélection des canaux peut également s'effectuer à l'aide d'une pédale switch.

HIGH GAIN INPUT (1)
(Entrada de Alta Potencia)
Esta entrada es usada en su mayoría para guitarras eléctricas. Tiene 6 decibeles mas que la Entrada de Baja Potencia.

LOW GAIN INPUT (2)
(Entrada de Baja Potencia)
Esta entrada está provista para instrumentos que tienen una salida extremadamente alta, la cual puede causar distorsión en la entrada de alta potencia. Si ambas entradas son usadas simultaneamente, el volumen de salida es el mismo (ambas son de baja potencia).

LEVEL (3)
(Nivel)
Controla el nivel de volumen del canal normal, no le afectan los controles SuperSat[™] o PostGain.

BRIGHT SWITCH (4)
(Interruptor de brillo)
Proporciona un aumento (+6dB) en frecuencias agudas. Para activarlo, poner el interruptor en la posición "in".

CHANNEL SELECT SWITCH (5)
(Interruptor para selección de canal)
Para cambiar de canal "normal" a canal "Lead". La posición "in" corresponde a "Lead" y la posición "out" a normal.

NOTE:
(Nota):
El cambio de canal se puede hacer también por pedal. En este caso el interruptor de selección de canal deberá estar en la posición "in" (Lead).

SUPERSAT™ (6)

A transistor simulation of tube distortion (soft clipping). To activate the SuperSat™ effect, lead channel must be activated.

SUPERSAT™ (6)

Eine transistorsimulierte Röhrenverzerrung (sanftes Übersteuern). Um den SuperSat-Effekt zu aktivieren, muß der Lead-Kanal eingeschaltet sein.

SUPERSAT™ (6)

(DISTORSION)
Simulation du son distorsion à tube (ne fonctionne que sur le canal lead)

SUPERSAT™ (6)

Distorsión de válvulas (clipping suave) conseguida mediante transistores. Para activarlo deberá estar conectado el canal "Lead".

POST GAIN (7)

Controls the overall volume level of the lead channel. The final level adjustment should be made after the desired sound has been achieved.

POST GAIN (7)

Kontrolliert den gesamten Lautstärkepegel des Hauptkanals (Master Volumen). Die endgültige Lautstärke-regelung sollte vorgenommen werden, nachdem der gewünschte Sound eingestellt ist.

POST GAIN (7)

(Volume Aval)
Commande le volume général du canal Lead (Solo). Ce réglage de niveau sera effectué après avoir obtenu le son souhaité par les autres réglages.

POST GAIN (7)

(Control de Volumen Posterior al Preamplificador)
Controla el volumen general del canal de la guitarra. El ajuste final debe hacerse después de que el sonido deseado ha sido archivado.

EFFECTS SEND (8)

Output for supplying signals to external low-level effects or signal processing equipment.

EFFECTS SEND (8)

Ausgang für Zuliefersignale zu externen niederohmigen Effekten oder Signal-Prozessoren.

EFFECT SEND (8)

(Sortie Effet)
Sortie permettant le branchement d'effets extérieurs (égaliseurs, compresseurs etc...)

EFFECTS SEND (8)

(Envío de efectos)
Salida para efectos exteriores, de bajo nivel, o para procesadores de señal.

EFFECTS RETURN (9)

Input for returning signals from external low-level effects or signal processing equipment.

EFFECTS RETURN (9)

Eingang für rückführende Signale von niederohmigen Effekten oder Signal-Prozessoren.

EFFECT RETURN (9)

(Retour Effet)
Entrée permettant le retour des effets extérieurs

EFFECTS RETURN (9)

(Retorno de efectos)
Entrada para retorno de señal de efectos exteriores, de bajo nivel o para procesadores de señal.

LOW, MID & HIGH EQ (10)

Passive tone controls that regulate the low, mid and high frequencies, respectively.

LOW, MID & HIGH EQ (10)

Hierbei handelt es sich um passive Klangregler, die tiefe, mittlere und hohe Frequenzen entsprechend regeln.

LOW, MID & HIGH EQ (10)

(Tonalté Grave, Medium, et Aigu)
Ces trois réglages passifs commandent respectivement les niveaux des fréquences graves, médiums et aigues.

LOW, MID & HIGH EQ (10)

(Ecuador de Frecuencias Bajas, Medios y Agudos)
Controles de tono pasivos que regulan las frecuencias bajas, medias y altas respectivamente.

PRESENCE (ACTIVE) (11)

An active tone control (+/- 15 dB) that varies the extreme high frequency range. 0 to +15 boost (increase), 0 to -15 cut (reduce).

PRESENCE (ACTIVE) (11)

Eine aktive Klangregelung (+/-15 dB) zur Beeinflussung des höchsten Frequenzbereichs. 0 bis +15 dB entspricht einer Anhebung, 0 bis -15 dB einer Absenkung.

PRESENCE (11)

Ce réglage actif commande la gamme des fréquences extrême aigues en y apportant jusqu'à 15 dB de correction, en affaiblissement ou en remplacement.

PRESENCE (ACTIVE) (11)

(Presencia Activa)
Control de tono activo (+/- 15 dB) que varia la banda de frecuencias super altas. Aumenta de 0 a +15, reduce de 0 a -15.

MASTER REVERB (12)

Controls the overall reverb level.

MASTER REVERB (12)

(Master Reverb)
Regler für den Gesamtanteil des Halls.

MASTER REVERB (12)

(Volume Général Réverb)
Commande le niveau général de l'effet réverbération.

MASTER REVERB (12)

(Control Maestro de Reverberación)
Controla el nivel general de la reverberación.

POWER LED (13)

Illuminates when AC power is being supplied to the amp.

POWER LED (13)

Zeigt die eingeschaltete Netzspannung an.

POWER LED (13)

(Diode-Témoin de Mise Sous Tension)
S'allume lorsque l'ampli est alimenté par le secteur.

POWER LED (13)

(Power LED)
Encendido cuando se prende el aparato.

GROUND SWITCH (14)

Three position rocker-type switch which, in most applications, should be operated in its center or zero position. There may be some situations when audible hum and/or noise will come from the loudspeaker. If this situation arises, position the ground switch to either positive or negative (+ or -) or until the noise is minimized.

NOTE: Should the noise problem continue, consult your Authorized Peavey Dealer, the Peavey Factory, or a qualified service technician. THE GROUND SWITCH IS NOT FUNCTIONAL ON 220/240 VOLT MODELS.

GROUND SWITCH (14)

Der Ground-Schalter funktioniert nicht bei den 220/240 Volt-Modellen.

GROUND SWITCH (14)

Selecteur de mise à la terre permettant de minimiser les bruits de ronflement. Ce selecteur n'a aucun effet sur les appareils en 220/240 volts.

GROUND SWITCH (14)

(Interruptor de Tierra)
El interruptor de tierra tiene tres posiciones. En casi todas las aplicaciones se debe usar en la posición central. Usted puede encontrar algunas situaciones en que escuche un zumbido o un ruido que provenga de las bocinas. Si se presenta esta situación cambie el interruptor de tierra hacia ambas posiciones positivo o negativo (+ o -) hasta que el ruido sea mínimo. NOTA: Si el problema del ruido continua consulte con su proveedor autorizado Peavey, a la fábrica o a un técnico de servicios calificados. EL INTERRUPTOR DE TIERRA NO ES FUNCIONAL EN LOS MODELOS 220/240 VOLTS.

POWER SWITCH (15)

Depress the switch to the "On" position. The red pilot light (LED) will illuminate indicating power is being supplied to the unit.

POWER SWITCH (15)

(Netzschalter)
Bringen Sie den Schalter auf die ON-Position. Die rote Kontrolllampe (LED) leuchtet und zeigt an, daß das Gerät eingeschaltet ist.

POWER SWITCH (15)

(Interrupteur Secteur)
Interrupteur général. En position Marche, une diode LED rouge s'allume.

POWER SWITCH (15)

(Interruptor de Poder)
Presione el interruptor a la posición de encendido (ON). La luz roja del piloto (indicador) se encenderá indicando que la unidad está recibiendo el poder.

POWER AMP IN PRE-AMP OUT FOOT SWITCH

150 W RMS
24 V RMS
1 CH

PERLEY ELECTRONICS CORP
MERRIDEN, CT
PATENT PENDING
MADE IN U.S.A.

POWER AMP INPUT (10)

POWER AMP INPUT (16)
(Entrada al Poder del Amplificador)

PREAMP OUT (12)

PREAMP OUT (17)
(Salida de Preamplificador)
La salida del preamplificador, puede ser usada para "derivar" la señal de su instrumento, por ejemplo a la consola de mezcla principal para después ser amplificada y equalizada con el propósito de que se escuche por el "P.A."; o también puede conectarse a la entrada de "línea" de cualquier grabadora, etc. sin afectar las operaciones normales de su amplificador.

REMOTE SWITCH JACK (18)

PREVISTO PARA LA CONEXIÓN DEL PEDAL DE SWITCH REMOTO
(Clavija Para el Switch Remoto)
Previsto para la conexión del pedal de switch remoto (incluido con el amplificador). El pedal de switch es usado para seleccionar el canal normal (lead) o los canales normales y eliminar la reverberancia. Cuando se usa el pedal de switch remoto, siempre inserte el conector completamente hasta que escuche el segundo click para asegurar la operación.

LINE CORD (19)
(1200 Solamente)

Para su protección hemos incorporado un cable de 3 alambres con tierra. No es recomendable el remover la pata de tierra bajo ninguna circunstancia, se recomienda un adaptador en caso necesario. Esto reducirá ruidos y peligrosos corrientes.

SPECIAL 150 ENGINEERING SPECIFICATIONS

POWER AMPLIFIER SECTION:

RATED POWER & LOAD:

150 W RMS into 4 ohms

POWER @ CLIPPING: (Typically)

(5% THD, 1 kHz, 120 VAC line)

95 W RMS into 8 ohms

160 W RMS into 4 ohms

2 ohms not recommended

FREQUENCY RESPONSE:

+0, -1 dB 20 Hz to 20 kHz

@ 130 watts into 4 ohms

TOTAL HARMONIC DISTORTION:

Less than 0.5%, 100 mW to 130 W RMS,

20 Hz to 10 kHz, 4 ohms

typically below 0.2%

HUM & NOISE:

Greater than 95 dB below rated power

POWER CONSUMPTION:

500 watts, 50/60 Hz, 120 VAC

PREAMP SECTION:

THE FOLLOWING SPECS ARE MEASURED @ 1 kHz WITH THE CONTROLS PRESET AS FOLLOWS:

Push Bright Off (Out)

Channel Select (Norm/Out)

SuperSat™ @ 10

Post Gain @ 10

Low & High EQ @ 10

Mid EQ @ 10

Presence @ 0 dB

Reverb @ 0

Nominal levels are with normal gain level @ 5

Minimum levels are with normal gain level @ 10

PREAMP HIGH GAIN INPUT:

Impedance: High Z, 220K ohms

Nominal Input Level: -20 dBV, 100 mV RMS

Minimum Input Level: -34 dBV, 20 mV RMS

Maximum Input Level: +6 dBV, 2 V RMS

PREAMP LOW GAIN INPUT:

Impedance: High Z, 44K ohms

Nominal Input Level: -14 dBV, 200 mV RMS

Minimum Input Level: -28 dBV, 40 mV RMS

Maximum Input Level: +12 dBV, 4 V RMS

EFFECTS SEND:

Load Impedance: 1K ohms or greater

Nominal Output: -10 dBV, 0.3 V RMS

EFFECTS RETURN:

Impedance: High Z, 22K ohms

Designed Input Level: -10 dBV, 0.3 V RMS

(Switching jack providing Effects Send to Effects Return connection when not used)

PREAMP OUTPUT:

Load Impedance: 1K ohms or greater

Nominal Output: 0 dBV, 1 V RMS

POWER AMP INPUT:

Impedance: High Z, 33K ohms

Designed Input Level: 0 dBV, 1 V RMS

(Switching jack providing preamp output to power amp input connection when not used)

SYSTEM HUM & NOISE @ NOMINAL INPUT LEVEL:

(20 Hz to 20 kHz unweighted)

80 dB below rated power

EQUALIZATION:

Special Low, Mid & High passive type EQ

Automatic thick EQ when lead channel selected

Presence: +15 dB @ 1 kHz, shelving (active)

Push Bright: +6 dB @ 2 kHz

EXTERNAL FOOTSWITCH FUNCTION:

Reverb Defeat (when reverb control raised)

Lead Channel Defeat (when selected with button)

DANGER
EXPOSURE TO EXTREMELY HIGH NOISE LEVELS MAY CAUSE A PERMANENT HEARING LOSS. INDIVIDUALS VARY CONSIDERABLY IN SUSCEPTIBILITY TO NOISE INDUCED HEARING LOSS, BUT NEARLY EVERYONE WILL LOSE SOME HEARING IF EXPOSED TO SUFFICIENTLY INTENSE NOISE FOR A SUFFICIENT TIME.
THE U.S. GOVERNMENT'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) HAS SPECIFIED THE FOLLOWING PERMISSIBLE NOISE LEVEL EXPOSURES

DURATION PER DAY IN HOURS

8

6

4

3

2

1 1/2

1

1/2

1/4 or less

NOISE LEVEL dBA, SLOW RESPONSE

90

92

95

97

100

102

105

110

115

ACCORDING TO OSHA, ANY EXPOSURE IN EXCESS OF THE ABOVE PERMISSIBLE LIMITS COULD RESULT IN SOME HEARING LOSS.

EAR PLUGS OR PROTECTORS IN THE EAR CANALS OR OVER THE EARS MUST BE WORN WHEN OPERATING THIS AMPLIFICATION SYSTEM, ESPECIALLY TO PREVENT A PERMANENT HEARING LOSS IF EXPOSURE IS IN EXCESS OF THE LIMITS AS SET FORTH ABOVE. TO PROTECT AGAINST POTENTIAL LONG TERM EXPOSURE TO HIGH SOUND PRESSURE LEVELS, IT IS RECOMMENDED THAT ALL PERSONS EXPOSED TO EQUIPMENT CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS SUCH AS THIS AMPLIFICATION SYSTEM BE PROTECTED BY WEARING PROTECTORS WHILE THE UNIT IS IN OPERATION.

CAUTION

THIS AMPLIFIER HAS BEEN DESIGNED AND CONSTRUCTED TO PROVIDE ADEQUATE POWER RESERVE FOR PLAYING MODERN MUSIC WHICH MAY REQUIRE OCCASIONAL PEAK POWER. TO HANDLE OCCASIONAL PEAK POWER, ADEQUATE POWER "HEADROOM" HAS BEEN DESIGNED INTO THIS SYSTEM. EXTENDED OPERATION AT ABSOLUTE MAXIMUM POWER LEVELS IS NOT RECOMMENDED SINCE THIS COULD DAMAGE THE ASSOCIATED SPEAKER SYSTEM. PLEASE BE AWARE THAT MAXIMUM POWER CAN BE OBTAINED WITH VERY LOW SETTINGS OF THE GAIN CONTROLS IF THE INPUT SIGNAL IS VERY STRONG.

1. Read carefully and observe instructions before using this product.
2. All safety and operating instructions should be retained for future reference.
3. Obey all cautions in the operating instructions and on the back of the unit.
4. All operating instructions should be followed.
5. The product should not be used near water, i.e. a bathtub, sink, swimming pool, wet basement, etc.
6. This product should be located so that its position does not interfere with its proper ventilation. It should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
7. This product should not be placed near a source of heat such as a stove, radiator or another heat producing appliance.

8. Connect only the power supply cord type marked on the label of the power supply cord.
9. Never touch the ground pin of the power supply cord. For more information on grounding, write for our free booklet "Shock Hazard and Grounding."
10. Power supply cords should always be handled carefully. Never walk or place equipment on power supply cords. Periodically check cords for cuts or signs of stress, especially at the plug and the point where the cord exits the unit.
11. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
12. If this product is to be mounted in a equipment rack, rear support should be provided.

13. Metal parts can be cleaned with a damp rag. The vinyl covering on some units can be cleaned with a damp rag, or an ammonia based household cleaner if necessary.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation holes or any other openings.
15. The unit should be checked by a qualified service technician if:
 - A. The power supply cord or plug has been damaged
 - B. Anything has fallen or been spilled into the unit.
 - C. The unit does not operate correctly.
 - D. The unit has been dropped or the enclosure damaged.
16. The user should not attempt to service this equipment. All service work should be done by a qualified service technician.



Due to our efforts for constant improvement, features and specifications listed herein are subject to change without notice.

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